



Proposed Code Change

State Form 41186R

RETURN TO:
INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 W. Washington Street Room W246
Indianapolis, IN 46204

FOR OFFICE USE ONLY

Received 3/15/10

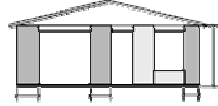
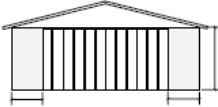
Code 50.10.3.1-09

INSTRUCTIONS:

Only TYPED copy accepted.

(KEY – Dashed line through material to be deleted, underline material to be added)

Use second sheet for any material requiring more space.

Code Title International Residential Code		Edition 2009		
Section number and title Table R602.10.4.1 Continuous Sheathing Methods		Page 173		
Proponent Steve Dean		Title VP Homebuilding, Ryland Homes		
Address 9025 N River Rd., Indianapolis IN 46240		Phone 317-846-3234		
PROPOSED CODE CHANGE (Check One)				
<input checked="" type="checkbox"/> Change to read as follows <input type="checkbox"/> Add to read as follows <input type="checkbox"/> Delete and substitute as follows <input type="checkbox"/> Delete without substitution				
TABLE R602.10.4.1 CONTINUOUS SHEATHING METHODS				
METHOD	MATERIAL	MINIMUM THICKNESS	FIGURE	CONNECTION CRITERIA
CS-SFB	Continuous structural fiberboard sheathing	$\frac{1}{2}$ " or $\frac{25}{32}$ " for 16" stud spacing only		<u>1½" galvanized roofing nails or 8d common (2½"x0.131) nails at 3" spacing (panel edges) at 6" spacing (intermediate supports)</u>
PBS	Particleboard sheathing (See Section R605)	3/8" or 1/2" for 16" stud spacing only		<u>1½" galvanized roofing nails or For 3/8", 6d common (2"x0.131) nails For ½", 8d common (2½"x0.131) nails at 3" spacing (panel edges)</u>
REASON AND FISCAL IMPACT				
<p>During the last revision cycle provisions for Continuous Structural Fiberboard Sheathing (CS-SFB) were added to the IRC. At that time it was not added to Table R602.10.4.1. To have added CS-SFB during compilation of the 2009 IRC was judged to be more than an editorial change. Thus this submission to insure CS-SFB is triggered within R602.10.4 as an acceptable continuous method (even though its requirements are in R602.10.5). Also, during the last revision cycle the connection criteria for structural fiberboard sheathing were inadvertently copied to the particleboard sheathing line in this table. Roofing nails are appropriate only for SFB and nail sizes are specific to the panel thickness. See Table 4.3A of Special Design Provisions Wind and Seismic published as a consensus document for shear capacities for this product.</p>				
REVIEW RECOMMENDATION				
Approve				
Disapprove				
Approve as amended				
Further Study				